

# Generic Issues Program Continuously Improving Nuclear Safety And Security

# Background

#### History

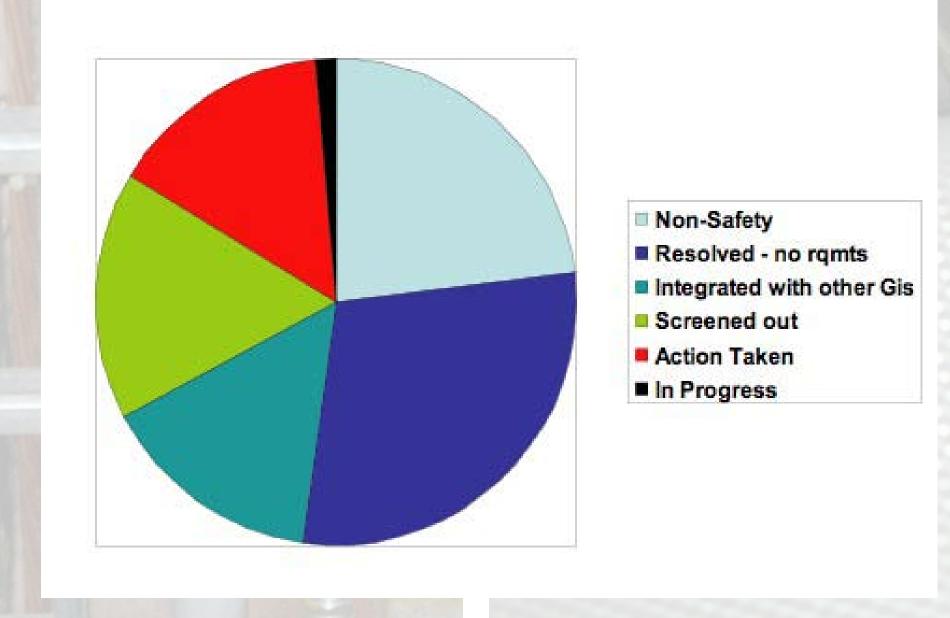
- Inception With Commission Directive, October 1976
- Using Probabilistic Risk Information Since 1983
- Refined Priority Ranking Thresholds, July 1993
- Results Published in NUREG-0933,
   "A Prioritization of Generic Safety Issues"
- Described in Management Directive 6.4

#### Definition

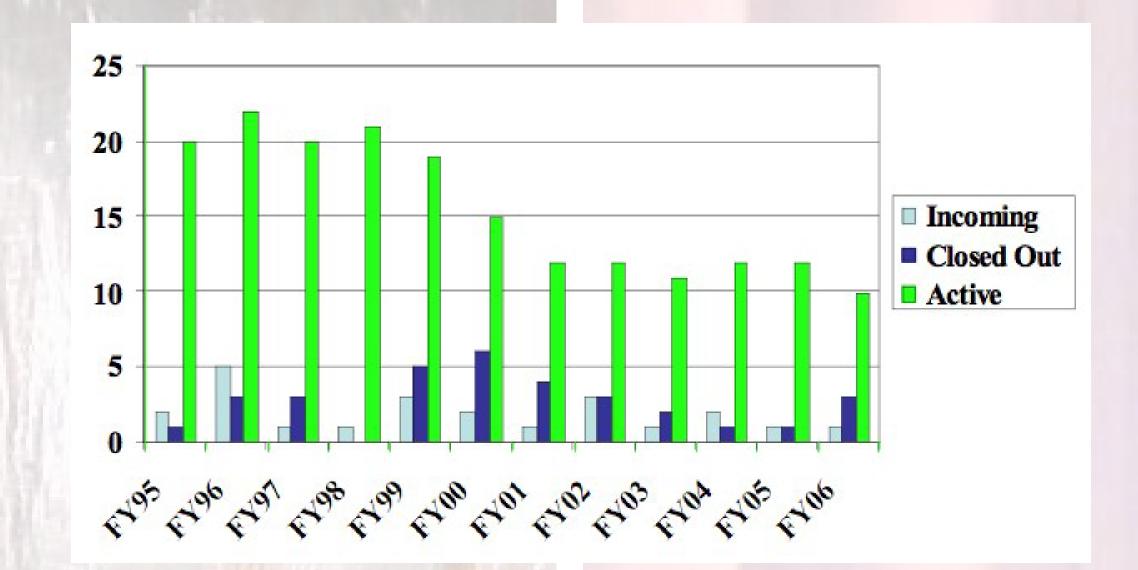
- Regulatory Matter
- Safety/ Security
- Multiple Entities

# Legacy/ History

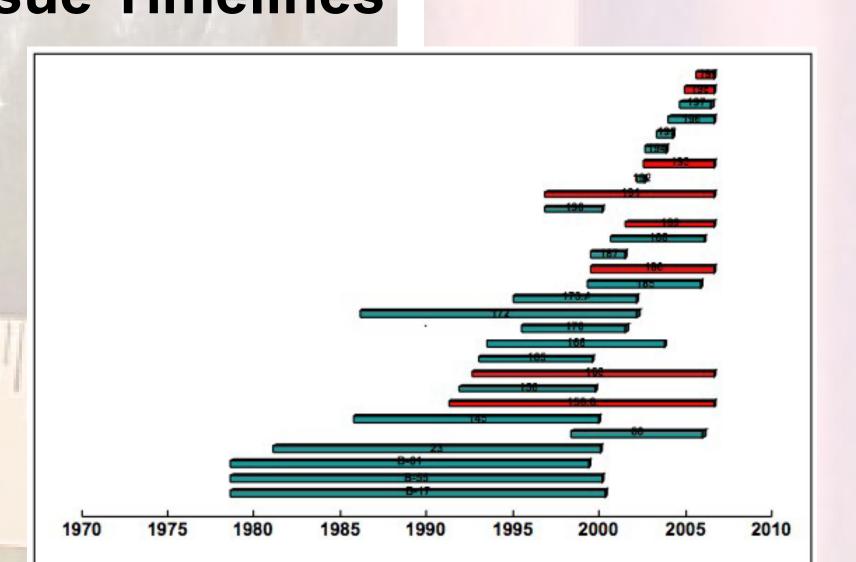
Outcome of 852 Reactor Issues



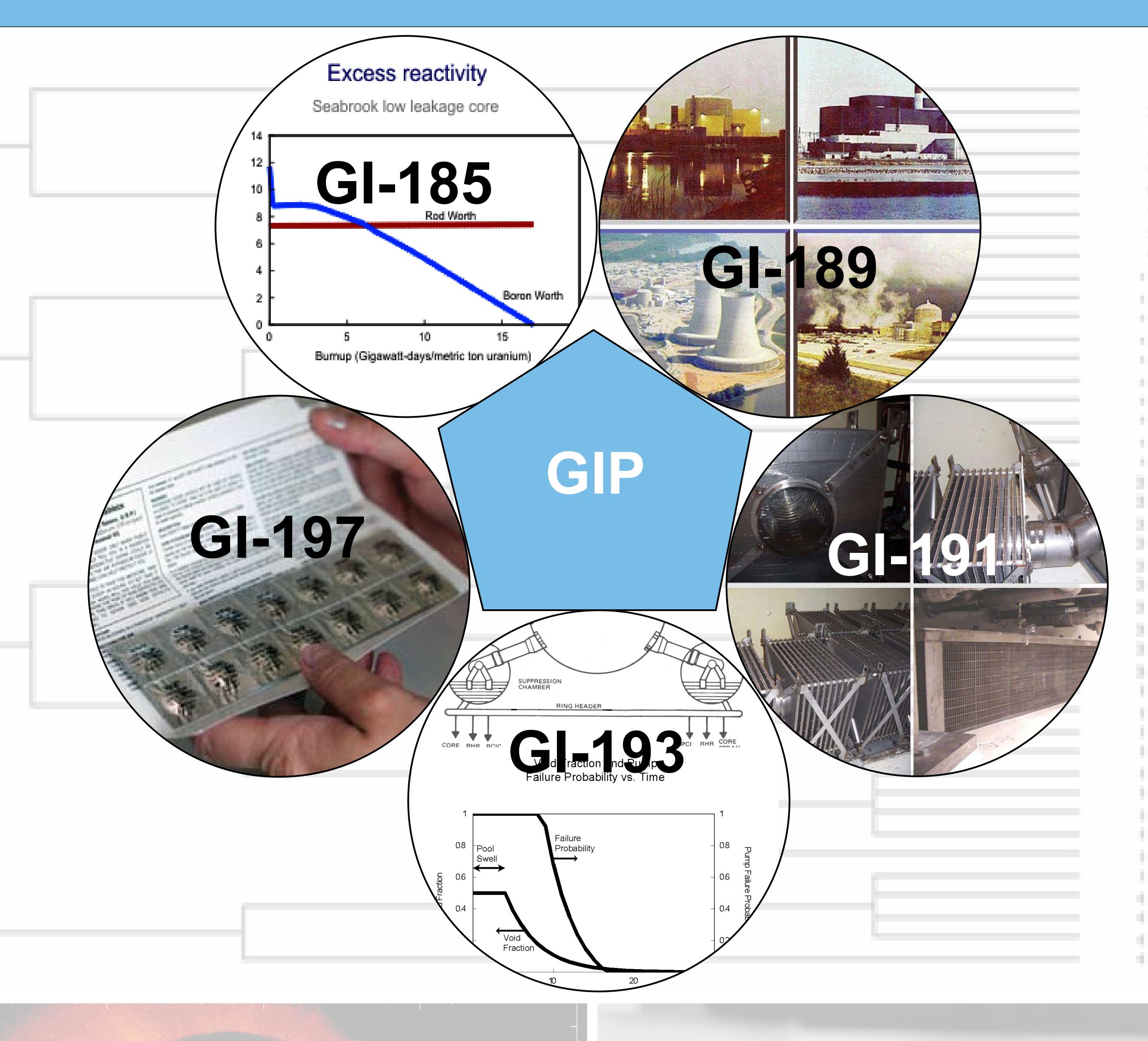
#### Incoming, Closed and Active



#### Reactor Issue Timelines



# Notable Generic Issues



- GI-185, Control of Recriticality Following Small Break LOCAs in PWRs
- GI-189, Susceptibility of Ice Condenser and Mark III Containments to Early Failure From Hydrogen Combustion During a Severe Accident
- GI-191, Assessment of Debris Accumulation on PWR Sump Performance (Rev. 1)
- GI-193, BWR ECCS Suction Concerns
- 5. GI-197, Iodine Spiking Phenomena

# New GIP

- Staff SECY 07-0022 to Commission
- RES Provides Program Management
- Enhanced Program Office Involvement
- Well Defined Roles, Responsibilities, and Accountabilities
- Consistently Apply Improved Screening Criteria
- Use Existing Office Programs to Extent Possible
- Increase Engagement with Stakeholders
- Apply Enhanced Risk-Informed Techniques (ASP)
- Improve Interoffice Coordination
- Conclude Process Upon Identifying Regulatory Application
- To be Implemented in MD 6.4 Revision

# New GIP-Process Flow

